IN THE CLAIMS

1.-21.(Cancelled)

22. (Currently Amended) Antibodies raised against fragments of apo B100 comprising a variable heavy region (V_H) selected from the group of nucleic acid sequences consisting of [~~GAGGTGCAGCTGTTGGAGTCTGGGGGAGGCTTGGTACAGCCTGGGGGGTCCCTGAGACTCTCCTGTGCAGCCTCTGGATTCACCTTCAATAACGCCTGGATGAGCTGGGTCCGCCAGGCTCCAGGGAAGGGGCTGGAGTGGGTCTCATCCATTAGTAGTAGTAGTAGTTACATATACTACGCAGACTCAGTGAAGGGCCGATTCACCATCTCCAGAGACAATTCCAAGAACACGCTGTATCTGCAAATGAACAGCCTGAGAGCCGAGGACACTGCCGTGTATTACTGTGCGAGAGTCAGTAGGTACTACTACGGACCATCTTTCTACTTTGACTCCTGGGGCCAGGGTACACTGGTCACCGTGAGCAGC~~] (SEQ. ID. NO. 1)

[~~GAGGTGCAGCTGTTGGAGTCTGGGGGAGGCTTGGTACAGCCTGGGGGGTCCCTGAGACTCTCCTGTGCGGCCTCTGGATTCACCTTCAGTGACTACTACATGAGCTGGGTCCGCCAGGCTCCCGGGAAGGGGCTGGAGTGGGTATCGGGTGTTAGTTGGAATGGCAGTAGGACGCACTATGCAGACTCTGTGAAGGGCCGATTCACCATCTCCAGAGACAATTCCAAGAACACGCTGTATCTGCAAATGAACAGCCTGAGAGCCGAGGACACTGCCGTGTATTACTGTGCGAGAGCGGCTAGGTACTCCTACTACTACTACGGTATGGACGTCTGGGGCCAAGGTACACTGGTCACCGTGAGCAGC~~] (SEQ. ID. NO. 3)

[~~GAGGTGCAGCTGTTGGAGTCTGGGGGAGGCTTGGTACAGCCTGGGGGGTCCCTGAGACTCTCCTGTGCAGCCTCTGGATTCACCTTTAGTAGCTATTGGATGAGCTGGGTCCGCCAGGCTCCAGGGAAGGGGCTGGAGTGGGTCTCAAGTATCAGTGGTAGTGGTCGTAGGACATACTACGCAGACTCCGTGCAGGGCCGGTTCACCATCTCCAGAGACAATTCCAAGAACACGCTGTATCTGCAAATGAACAGCCTGAGAGCCGAGGACACTGCCGTGTATTACTGTGCGAGATTGGTCTCCTATGGTTCGGGGAGTTTCGGTTTTGACTACTGGGGCCAAGGTACACTGGTCACCGTGAGCAGC~~]

(SEQ. ID. NO. 5)

[~~GAGGTGCAGCTGTTGGAGTCTGGGGGAGGCTTGGTACAGCCTGGGGGGTCCCTGAGACTCTCCTGTGCAGCCTCTGGATTCACCTTCAGTAACGCCTGGATGAGCTGGGTCCGCCAGGTTCCAGGGAAGGGGCTGGAGTGGGTCTCAACTCTTGGTGGTAGTGGTGGTGGTAGCACATACTACGCAGACTCCGTGAAGGGCCGGTTCACCATCTCCAGAGACAATTCCAAGAACACGCTGTATCTGCAAATGAACAGCCTGAGAGCCGAGGACACTGCCGTGTATTACTGTGCGAAGTTAGGGGGGCGATCCCGATATGGGCGGTGGCCCCGCCAATTTGACTACTGGGGCCAAGGTACACTGGTCACCGTGAGCAGC~~] (SEQ. ID. NO. 7)

[~~GAGGTGCAGCTGTTGGAGTCTGGGGGAGGCTTGGTACAGCCTGGGGGGTCCCTGAGACTCTC~~
~~CTGTGCAGCCTCTGGATTCACCTTCAGTGACTACTACATGAGCTGGATCCGCCAGGCTCCAGG~~
~~GAAGGGGCTGGAGTGGGTCTCAAGTATCAGTGGCCGTGGGGGTAGTTCCTACTACGCAGACT~~
~~CCGTGAGGGGCCGGTTCACCATCTCCAGAGACAATTCCAAGAACACGCTGTATCTGCAAATGA~~
~~ACAGCCTGAGAGCCGAGGACACTGCCGTGTATTACTGTGCGAGACTTTCCTACAGCTATGGTT~~
~~ACGAGGGGGCCTACTACTTTGACTACTGGGGCCAGGGTACACTGGTCACCGTGAGCAGC~~]
(SEQ. ID. NO. 9)

[~~GAGGTGCAGCTGTTGGAGTCTGGGGGAGGCTTGGTACAGCCTGGGGGGTCCCTGAGACTCTC~~
~~CTGTGCAGCCTCTGGATTCACCTTTAGCAGCTATGCCATGAGCTGGGTCCGCCAGGCTCCAGG~~
~~GAAGGGGCTGGAGTGGGTCTCATCCATTAGTAGTAGTGGTCGTTTCATTTACTACGCAGACTC~~
~~AATGAAGGGCCGCTTCACCATCTCCAGAGACAATTCCAAGAACACGCTGTATCTGCAAATGA~~
~~ACAGCCTGAGAGCCGAGGACACTGCCGTGTATTACTGTACGAGGCTCCGGAGAGGGAGCTAC~~
~~TTCTGGGCTTTTGATATCTGGGGCCAAGGTACACTGGTCACCGTGAGCAGC~~] (SEQ. ID. NO. 11)

[~~GAGGTGCAGCTGTTGGAGTCTGGGGGAGGCTTGGTACAGCCTGGGGGGTCCCTGAGACTC~~
~~TCCTGTGCAGCCTCTGGATTCACCTTTAGAACGTATTGGATGACCTGGGTCCGCCAGGCT~~
~~CCAGGGAAGGGGCTGGAGTGGGTCTCATCTATTAGCAGTAGCAGTAATTACATATTCTAC~~
~~GCAGACTCAGTGAAGGGCCGATTCACCATCTCCAGAGACAATTCCAAGAACACGCTGTAT~~
~~CTGCAAATGAACAGCCTGAGAGCCGAGGACACTGCCGTGTATTACTGTGCGAGACTCAGA~~
~~CGGAGCAGCTGGTACGGGGGGTACTGGTTCGACCCCTGGGGCCAAGGTACACTGGTCACC~~
~~GTGAGCTCA~~] (SEQ. ID. NO. 19)

[~~GAGGTGCAGCTGTTGGAGTCTGGGGGAGGCTTGGTACAGCCTGGGGGGTCCCTGAGACTCT~~
~~CCTGTGCAGCCTCTGGATTCACCTTCAGTAGCAACTACATGAGCTGGGTCCGCCAGGCTCC~~
~~AGGGAAGGGGCTGGAGTGGGTCTCATCCATTAGTAGTAGTAGTAGTTACATATACTACGCA~~
~~GACTCAGTGAAGGGCCGATTCACCATCTCCAGAGACAATTCCAAGAACACGCTGTATCTGC~~
~~AAATGAACAGCCTGAGAGCCGAGGACACTGCCGTGTATTACTGTGCGAGAGTAGGCCGGTA~~
~~TAACTGGAAGACGGGGCATGCTTTTGATATCTGGGGCCAGGGTACACTGGTCACCGTGAGC~~
~~TCA~~] (SEQ. ID. NO. 21)

[~~GAGGTGCAGCTGTTGGAGTCTGGGGGAGGCTTGGTACAGCCTGGGGGGTCCCTGAGACTC~~
~~TCCTGTGCAGCCTCTGGATTCACCTTCCGTGACTACTACGTGAGCTGGATCCGCCAGGCT~~
~~CCAGGGAAGGGGCTGGAGTGGGTCTCAAGTATTAGTGGTAGTGGGGGTAGGACATACTAC~~
~~GCAGACTCCGTGGAGGGCCGGTTCACCATCTCCAGAGACAATTCCAAGAACACGCTGTAT~~
~~CTGCAAATGAACAGCCTGAGAGCCGAGGACACTGCCATGTATTACTGTGCCAGAGTATCC~~
~~GCCCTTCGGAGACCCATGACTACAGTAACTACTTACTGGTTCGACCCCTGGGGCCAAGGT~~

~~ACACTGGTCACCGTGAGCTCA~~] (SEQ. ID. NO. 23)

[~~GAGGTGCAGCTGTTGGAGTCTGGGGGAGGCTTGGTACAGCCTGGGGGGTCCCTGAGACTCTCCTGTGCAGCCTCTGGATTCACCTTCAGTAACGCCTGGATGAGCTGGGTCCGCCAGGCTCCAGGGAAGGGGCTGGAGTGGGTCTCCGCTATTAGTGGTAGTGGTAACACATACTATGCAGACTCCGTGAAGGGCCGGTTCACCATCTCCAGAGACAATTCCAAGAACACGCTGTATCTGCAAATGAACAGCCTGAGAGCCGAGGACACTGCCGTGTATTACTGTGCGAGAGCCTCCCACCGTATATTAGGTTATGCTTTTGATATCTGGGGCCAGGGTACACTGGTCACCGTGAGCTCA~~] (SEQ. ID. NO. 25)

[~~GAGGTGCAGCTGTTGGAGTCTGGGGGAGGCTTGGTACAGCCTGGGGGGTCCCTGAGACTCTCCTGTGCAGCCTCTGGATTCACCTTCAGTAACGCCTGGATGAGCTGGGTCCGCCAGGCTCCAGGGAAGGGGCTGGAGTGGGTCTCAAGTATTAGTGTTGGTGGACATAGGACATATTATGCAGATTCCGTGAAGGGCCGGTCCACCATCTCCAGAGACAATTCCAAGAACACGCTGTATCTGCAAATGAACAGCCTGAGAGCCGAGGACACTGCCGTGTATTACTGTGCACGGATACGGGTGGGTCCGTCCGGCGGGGCCTTTGACTACTGGGGCCAGGGTACACTGGTCACCGTGAGCTCA~~] (SEQ. ID. NO. 27)

[~~GAGGTGCAGCTGTTGGAGTCTGGGGGAGGCTTGGTACAGCCTGGGGGGTCCCTGAGACTCTCCTGTGCAGCCTCTGGATTCACCTTCAGTAACGCCTGGATGAGCTGGGTCCGCCAGGCTCCAGGGAAGGGGCTGGAGTGGGTCTCATCCATTAGTAGTAGTAGTAGTTACATATACTACGCAGACTCAGTGAAGGGCCGATCCACCATCTCCAGAGACAATTCCAAGAACACGCTGTATCTGCAAATGAACAGCCTGAGAGCCGAGGACACTGCCGTGTATTACTGTGCGAGGCTCACAAATATTTTGACTGGTTATTATACCTCAGGATATGCTTTTGATATCTGGGGCCAAGGTACACTGGTCACCGTGAGCTCA~~] (SEQ. ID. NO. 29)

[~~GAGGTGCAGCTGTTGGAGTCTGGGGGAGGCTTGGTACAGCCTGGGGGGTCCCTGAGACTCTCCTGTGCAGCCTCTGGATTCACCTTCAGTAGTTCTTGGATGAGTTGGGTCCGCCAGGCTCCAGGGAAGGGGCTGGAGTGGGTCTCATCCATTAGTAGTAGTAGTAGTTACATATACTACGCAGACTCAGTGAAGGGCCGATTCACCATCTCCAGAGACAATTCCAAGAACACGCTGTATCTGCAAATGAACAGCCTGAGAGCCGAGGACACTGCCGTGTATTACTGTGCGAGAGTAGGGAACTACGGTTTCTACCACTACATGGACGTCTGGGGCCAAGGTACACTGGTCACCGTGAGCTCA~~] (SEQ. ID. NO. 31)

[~~GAGGTGCAGCTGTTGGAGTCTGGGGGAGGCTTGGTACAGCCTGGGGGGTCCCTGAGACTCTCCTGTGCAGCCTCTGGATTCACCTTTAGTAGCTATTGGATGAGCTGGGTCCGCCAGGCTCCAGGGAAGGGGCTGGAGTGGGTCTCATCCATTAGTAGTAGTAGTAGTTACATATACTAC~~

~~GCAGACTCAGTGAAGGGCCGATTCACCATCTCCAGAGACAATTCCAAGAACACGCTGTATCTGCAAATGAACAGCCTGAGAGCCGAGGACACTGCCGTGTATTACTGTGCGAGAATTAAACGGTTACGATTCGGCTGGACCCCTTTTGACTACTGGGGCCAGGGTACACTGGTCACCGTGAGCTCA~~] (SEQ. ID. NO. 33)

[~~GAGGTGCAGCTGTTGGAGTCTGGGGGAGGCTTGGTACAGCCTGGGGGGTCCCTGAGACTCTCCTGTGCAGCCTCTGGATTCACCTTCAGTAACGCCTGGATGAGCTGGGTCCGCCAGGCTCCAGGGAAGGGGCTGGAGTGGGTCTCATCCATTAGTAGTAGTAGTAGTTACATATACTACGCAGACTCAGTGAAGGGCCGATTCACCATCTCCAGAGACAATTCCAAGAACACGCTGTATCTGCAAATGAACAGCCTGAGAGCCGAGGACACTGCCGTGTATTACTGTGCGAGAGTCAATAGCAAAAAGTGGTATGAGGGCTACTTCTTTGACTACTGGGGCCAGGGTACACTGGTCACCGTGAGCTCA~~] (SEQ. ID. NO. 35)

[~~GAGGTGCAGCTGTTGGAGTCTGGGGGAGGCTTGGTACAGCCTGGGGGGTCCCTGAGACTCTCCTGTGCAGCCTCTGGATTCACCTTCAGTAACGCCTGGATGAGCTGGGTCCGCCAGGCTCCAGGGAAGGGGCTGGAGTGGGTCTCATCCATTAGTACTAGTAGTAATTACATATACTACGCAGACTCAGTGAAGGGCCGGTTCACCATCTCCAGAGACAATTCCAAGAACACGCTGTATCTGCAAATGAACAGCCTGAGAGCCGAGGACACTGCCGTGTATTACTGTGCGAGAGTCAAGAAGTATAGCAGTGGCTGGTACTCGAATTATGCTTTTGATATCTGGGGCCAAGGTACACTGGTCACCGTGAGCTCA~~] (SEQ. ID. NO. 37)

in combination with a variable light region (V_L) selected from the group of nucleic acid sequences consisting of

[~~CAGTCTGTGCTGACTCAGCCACCCTCAGCGTCTGGGACCCCCGGGCAGAGGGTCACCATCTCCTGCTCTGGAAGCAGGTCCAACATTGGGAATAATTATGTATCCTGGTATCAGCAGCTCCCAGGAACGGCCCCCAAACTCCTCATCTATGGTAACAACAATCGGCCCTCAGGGGTCCCTGACCGATTCTCTGGCTCCAAGTCTGGCACCTCAGCCTCCCTGGCCATCAGTGGGCTCCGGTCCGAGGATGAGGCTGATTATTACTGTGCAGCATGGGATGACAGCCTGAATGGTCATTGGGTGTTCGGCGGAGGAACCAAGCTGACGGTCCTAGGT~~](SEQ. ID. NO. 2)

[~~CAGTCTGTGCTGACTCAGCCACCCTCAGCGTCTGGGACCCCCGGGCAGAGGGTCACCATCTCCTGTTCTGGAAGCAGCTCCAACATCGGAAATAATGCTGTAAACTGGTATCAGCAGCTCCCAGGAACGGCCCCCAAACTCCTCATCTATGGGAATGATCGGCGGCCCTCAGGGGTCCCTGACCGATTCTCTGGCTCCAAGTCTGGCACCTCAGCCTCCCTGGCCATCAGTGGGCTCCGGTCCGAGGATGAGGCTGATTATTACTGTCAGACCTGGGGCACTGGCCGGGGGGTATTCGGCGGAGGAACCAAGCTGACGGTCCTAGGT~~] (SEQ. ID. NO. 4)

[~~CAGTCTGTGCTGACTCAGCCACCCTCAGCGTCTGGGACCCCCGGGCAGAGGGTCACCATCTCT~~
~~TGTTCTGGAAGCAGCTCCAATATCGGAAGTAATTATGTATCCTGGTATCAGCAGCTCCCAGGA~~
~~ACGGCCCCCAAACTCCTCATCTATGGTAACTACAATCGGCCCTCAGGGGTCCCTGACCGATTC~~
~~TCTGGCTCCAAGTCTGGCACCTCAGCCTCCCTGGCCATCAGTGGGCTCCGGTCCGAGGATGAG~~
~~GCTGATTATTACTGTGCAGCATGGGATGACAGCCTGAGTGGTTGGGTGTTCGGCGGAGGAACC~~
~~AAGCTGACGGTCCTAGGT~~]
(SEQ. ID. NO. 6)
[~~CAGTCTGTGCTGACTCAGCCACCCTCAGCGTCTGGGACCCCCGGGCAGAGGGTCACCATCTC~~
~~CTGCTCTGGAAGCAGCTCCAACATTGGAAATAACTATGTATCCTGGTATCAGCAGCTCCCAGG~~
~~AACGGCCCCCAAACTCCTCATCTATAGTAATAATCAGCGGCCCTCAGGGGTCCCTGACCGATT~~
~~CTCTGGCTCCAAGTCTGGCACCTCAGCCTCCCTGGCCATCAGTGGGCTCCGGTCCGAGGATGA~~
~~GGCTGATTATTACTGTGCAGCATGGGATGACAGCCTGAGTCATTGGCTGTTCGGCGGAGGAAC~~
~~CAAGCTGACGGTCCTAGGT~~]
(SEQ. ID. NO. 8)

[~~CAGTCTGTGCTGACTCAGCCACCCTCAGCGTCTGGGACCCCCGGGCAGAGGGTCACCATCTC~~
~~CTGCTCTGGAAGCAGCTCCAACATTGGGAATAATTATGTATCCTGGTATCAGCAGCTCCCAGG~~
~~AACGGCCCCCAAACTCCTCATCTATAGGAATAATCAGCGGCCCTCAGGGGTCCCTGACCGATT~~
~~CTCTGGCTCCAAGTCTGGCACCTTAGCCTCCCTGGCCATCAGTGGGCTCCGGTCCGAGGATGA~~
~~GGCTGATTATTACTGTGCAACCTGGGATGACAGCCTGAATGGTTGGGTGTTCGGCGGAGGAAC~~
~~CAAGCTGACGGTCCTAGGT~~]
(SEQ. ID. NO. 10)

[~~CAGTCTGTGCTGACTCAGCCACCCTCAGCGTCTGGGACCCCCGGGCAGAGGGTCACCATCTC~~
~~CTGTTCTGGAAGCAGCTCCAACATTGGCGGTGAGTCTGTATCCTGGTATCAGCAGCTCCCAGG~~
~~AACGGCCCCCAAACTCCTCATCTATAGTAATAATCAGCGGCCCTCAGGGGTCCCTGACCGATT~~
~~CTCTGGCTCCAAGTCTGGCACCTCAGCCTCCCTGGCCATCAGTGGGCTCCGGTCCGAGGATGA~~
~~GGCTGATTATTACTGTGCAGCATGGGATGACAGCCTGAATGGTTGGGTGTTCGGCGGAGGAAC~~
~~CAAGCTGACGGTCCTAGGT~~]
(SEQ. ID. NO. 12)

[~~CAGTCTGTGCTGACTCAGCCACCCTCAGCGTCTGGGACCCCCGGGCAGAGGGTCACCATC~~
~~TCCTGCTCTGGAAGCAGCTCCAACATTGGGAATAATTATGTATCCTGGTATCAGCAGCTC~~
~~CCAGGAACGGCCCCCAAACTCCTCATCTATAGGAATAATCAGCGGCCCTCAGGGGTCCCT~~
~~GACCGATTCTCTGGCTCCAAGTCTGGCACCTCAGCCTCCCTGGCCATCAGTGGGCTCCGG~~
~~TCCGAGGATGAGGCTGATTATTACTGTGCAGCATGGGATGACAGCCTGAATGGTCATTGG~~

~~GTGTTCGGCGGAGGAACCAAGCTGACGGTCCTAGGT~~] (SEQ. ID. NO. 20)

[~~CAGTCTGTGCTGACTCAGCCACCCTCAGCGTCTGGGACCCCCGGGCAGAGGGTCACCATCTCCTGCTCTGGAAGGACCTACAACATTGGAAATAATTATGTATCGTGGTATCAGCAGCTCCCAGGAACGGCCCCCAAACTCCTCATCTATGGTAACATCAATCGGCCCTCAGGGGTCCCTGACCGATTCTCTGGCTCCAAGTCTGGCACCTCAGCCTCCCTGGCCATCAGTGGGCTCCGGTCCGAGGATGAGGCTGATTATTACTGTGCAGCATGGGATGTCAGGCTGAATGGTTGGGTGTTCGGCGGAGGAACCAAGCTGACGGTCCTAGGT~~] (SEQ. ID. NO. 22)

[~~CAGTCTGTGCTGACTCAGCCACCCTCAGCGTCTGGGACCCCCGGGCAGAGGGTCACCATCTCCTGCTCTGGAAGGAGCTCCAACATTGGGAATAGTTATGTCTCCTGGTATCAGCAGCTCCCAGGAACGGCCCCCAAACTCCTCATCTATAGGAATAATCAGCGGCCCTCAGGGGTCCCTGACCGATTCTCTGGCTCCAAGTCTGGCACCTCAGCCTCCCTGGCCATCAGTGGGCTCCGGTCCGAGGATGAGGCTGATTATTACTGTGCAGGATGGGATGACACCCTGCGTGCTTGGGTGTTCGGCGGAGGAACCAAGCTGACGGTCCTAGGT~~] (SEQ. ID. NO. 24)

[~~CAGTCTGTGCTGACTCAGCCACCCTCAGCGTCTGGGACCCCCGGGCAGAGGGTCACCATCTCTTGTTCTGGAAGCCGCTCCAACATCGGGAGAAATGCTGTTAGTTGGTATCAGCAGCTCCCAGGAACGGCCCCCAAACTCCTCATCTATGCTAACAGCAATCGGCCCTCAGGGGTCCCTGACCGATTCTCTGGCTCCAAGTCTGGCACCTCAGCCTCCCTGGCCATCAGTGGGCTCCGGTCCGAGGATGAGGCTGATTATTACTGTGCAGCATGGGATGGCAGCCTGAATGGTTGGGTGTTCGGCGGAGGAACCAAGCTGACGGTCC~~] (SEQ. ID. NO. 26)

[~~CAGTCTGTGCTGACTCAGCCACCCTCAGCGTCTGGGACCCCCGGGCAGAGGGTCACCATCTCCTGCTCTGGAAGCAACACCAACATTGGGAAGAACTATGTATCTTGGTATCAGCAGCTCCCAGGAACGGCCCCCAAACTCCTCATCTATGCTAATAGCAATCGGCCCTCAGGGGTCCCTGACCGATTCTCTGGCTCCAAGTCTGGCACCTCAGCCTCCCTGGCCATCAGTGGGCTCCGGTCCGAGGATGAGGCTGATTATTACTGTGCGTCATGGGATGCCAGCCTGAATGGTTGGGTATTCGGCGGAGGAACCAAGCTGACGGTCCTAGGT~~] (SEQ. ID. NO. 28)

[~~CAGTCTGTGCTGACTCAGCCACCCTCAGCGTCTGGGACCCCCGGGCAGAGGGTCACCATCTCCTGCTCTGGAAGCACCTCCAACATTGGGAAGAATTATGTATCCTGGTATCAGCAGCTCCCAGGAACGGCCCCCAAACTCCTCATCTATGGTAACAGCAATCGGCCCTCAGGGGTCCCTGACCGATTCTCTGGCTCCAAGTCTGGCACCTCAGCCTCCCTGGCCATCAGTGGGCTCCGGTCCGAGGATGAGGCTGATTATTACTGTGCAGCATGGGATGCCAGCCTCAGTGGTTGGGTGTTCGGCGGAGGAACCAAGCTGACGGTCCTAGGT~~] (SEQ. ID. NO. 30)

[~~CAGTCTGTGCTGACTCAGCCACCCTCAGCGTCTGGGACCCCCGGGCAGAGGGTCACCATCTCTTGTTCTGGAGGCAGCTCAAACATCGGAAAAAGAGGTGTAAATTGGTATCAGCAGCTCCCAGGAACGGCCCCCAAACTCCTCATCTATGGTAACAGAAATCGGCCCTCAGGGGTCCCTGACCGATTCTCTGGCTCCAAGTCTGGCACCTCAGCCTCCCTGGCCATCAGTGGGCTCCGGTCCGAGGATGAGGCTGATTATTACTGTGCTACATGGGATTACAGCCTCAATGCTTGGGTGTTCGGCGGAGGAACCAAGCTGACGGTCCTAGGT~~] (SEQ. ID. NO. 32)

[~~CAGTCTGTTCTGACTCAGCCACCCTCAGCGTCTGGGACCCCCGGGCAGAGGGTCACCATCTCCTGTTCTGGAAGCAGCTCCAACATCGGAAATAATGGTGTAAACTGGTATCAGCAGCTCCCAGGAACGGCCCCCAAACTCCTCATCTATGGTAACAACAATCGGCCCTCAGGGGTCCCTGACCGATTCTCTGGCTCCAAGTCTGGCACCTCAGCCTCCCTGGCCATCAGTGGGCTCCGGTCCGAGGATGAGGCTGATTATTACTGTGCAGCATGGGATGACAGCCTGCGTGGTTGGCTGTTCGGCGGAGGAACCAAGCTGACGGTCCTAGGT~~] (SEQ. ID. NO. 34)

[~~CAGTCTGTGCTGACTCAGCCACCCTCAGCGTCTGGGACCCCCGGGCAGAGGGTCACCATCTCCTGCTCTGGAAGCAGCTCCAACATTGGGAATAATTATGTATCCTGGTATCAGCAGCTCCCAGGAACGGCCCCCAAACTCCTCATCTATGGTAACAGCAATCGGCCCTCAGGGGTCCCTGACCGATTCTCTGGCTCCAAGTCTGGCACCTCAGCCTCCCTGGCCATCAGTGGGCTCCGGTCCGAGGATGAGGCTGATTATTACTGTGCAGCATGGGATGACAGTCTGAGTGGTTGGGTGTTCGGCGGAGGAACCAAGCTGACGGTCCTAGGT~~] (SEQ. ID. NO. 36)

[~~CAGTCTGTGCTGACTCAGCCACCCTCAGCGTCTGGGACCCCCGGGCAGAGGGTCACCATCTCCTGCTCTGGAAGCAGCTCCAGCATTGGGAATAATTTTGTATCCTGGTATCAGCAGCTCCCAGGAACGGCCCCCAAACTCCTCATCTATGACAATAATAAGCGACCCTCAGGGGTCCCTGACCGATTCTCTGGCTCCAAGTCTGGCACCTCAGCCTCCCTGGCCATCAGTGGGCTCCGGTCCGAGGATGAGGCTGATTATTACTGTGCAGCATGGGATGACAGCCTGAATGGTTGGGTGTTCGGCGGAGGAACCAAGCTGACGGTCCTAGGT~~] (SEQ. ID. NO. 38)

23. (Currently Amended) Antibody according to claim 22, wherein the antibody is characterized in that it comprises the variable heavy region(V_H)

[~~GAGGTGCAGCTGTTGGAGTCTGGGGGAGGCTTGGTACAGCCTGGGGGGTCCCTGAGACTCTCCTGTGCAGCCTCTGGATTCACCTTCAATAACGCCTGGATGAGCTGGGTCCGCCAGGCTCCAGGGAAGGGGCTGGAGTGGGTCTCATCCATTAGTAGTAGTAGTAGTTACATATACTACGCAGACTCAGTGAAGGGCCGATTCACCATCTCCAGAGACAATTCCAAGAACACGCTGTATCTGCAAATGAACAGCCTGAGAGCCGAGGACACTGCCGTGTATTACTGTGCGAGAGTCAGTAGGTACTACTACGGACCATCTTTCTACTTTGACTCCTGGGGCCAGGGTACACTGGTCACCGTGAGCAGC~~] **(SEQ ID NO: 1)** and the variable light region (V_L)

[~~CAGTCTGTGCTGACTCAGCCACCCTCAGCGTCTGGGACCCCCGGGCAGAGGGTCACCATCTCCTGCTCTGGAAGCAGGTCCAACATTGGGAATAATTATGTATCCTGGTATCAGCAGCTCCCAGGAACGGCCCCCAAACTCCTCATCTATGGTAACAACAATCGGCCCTCAGGGGTCCCTGACCGATTCTCTGGCTCCAAGTCTGGCACCTCAGCCTCCCTGGCCATCAGTGGGCTCCGGTCCGAGGATGAGGCTGATTATTACTGTGCAGCATGGGATGACAGCCTGAATGGTCATTGGGTGTTCGGCGGAGGAACCAAGCTGACGGTCCTAGGT~~] (SEQ ID NO: 2)

24. (Currently Amended) Antibody according to claim 22, wherein the antibody is characterized in that it comprises

the variable heavy region (V_H)

[~~GAGGTGCAGCTGTTGGAGTCTGGGGGAGGCTTGGTACAGCCTGGGGGGTCCCTGAGACTCTCCTGTGCGGCCTCTGGATTCACCTTCAGTGACTACTACATGAGCTGGGTCCGCCAGGCTCCCGGGAAGGGGCTGGAGTGGGTATCGGGTGTTAGTTGGAATGGCAGTAGGACGCACTATGCAGACTCTGTGAAGGGCCGATTCACCATCTCCAGAGACAATTCCAAGAACACGCTGTATCTGCAAATGAACAGCCTGAGAGCCGAGGACACTGCCGTGTATTACTGTGCGAGAGCGGCTAGGTACTCCTACTACTACTACGGTATGGACGTCTGGGGCCAAGGTACACTGGTCACCGTGAGCAGC~~] **(SEQ ID NO: 3)**

and the variable light region (V_L)

[~~CAGTCTGTGCTGACTCAGCCACCCTCAGCGTCTGGGACCCCCGGGCAGAGGGTCACCATCTCCTGTTCTGGAAGCAGCTCCAACATCGGAAATAATGCTGTAAACTGGTATCAGCAGCTCCCAGGAACGGCCCCCAAACTCCTCATCTATGGGAATGATCGGCGGCCCTCAGGGGTCCCTGACCGATTCTCTGGCTCCAAGTCTGGCACCTCAGCCTCCCTGGCCATCAGTGGGCTCCGGTCCGAGGATGAGGCTGATTATTACTGTCAGACCTGGGGCACTGGCCGGGGGGTATTCGGCGGAGGAACCAAGCTGACGGTCCTAGGT~~] (SEQ ID NO: 4)

25. (Currently Amended) Antibody according to claim 22, wherein the antibody is characterized in that it comprises

the variable heavy region (V_H)

[~~GAGGTGCAGCTGTTGGAGTCTGGGGGAGGCTTGGTACAGCCTGGGGGGTCCCTGAGACTCTCCTGTGCAGCCTCTGGATTCACCTTTAGTAGCTATTGGATGAGCTGGGTCCGCCAGGCTCCAGGGAAGGGGCTGGAGTGGGTCTCAAGTATCAGTGGTAGTGGTCGTAGGACATACTACGCAGACTCCGTGCAGGGCCGGTTCACCATCTCCAGAGACAATTCCAAGAACACGCTGTATCTGCAAATGAACAGCCTGAGAGCCGAGGACACTGCCGTGTATTACTGTGCGAGATTGGTCTCCTATGGTTCGG~~

~~GGAGTTTCGGTTTTGACTACTGGGGCCAAGGTACACTGGTCACCGTGAGCAGC~~] (SEQ ID NO: 5)

and the variable light region (V_L)

[~~CAGTCTGTGCTGACTCAGCCACCCTCAGCGTCTGGGACCCCCGGGCAGAGGGTCACCATCTCTTGTTCTGGAAGCAGCTCCAATATCGGAAGTAATTATGTATCCTGGTATCAGCAGCTCCCAGGAACGGCCCCCAAACTCCTCATCTATGGTAACTACAATCGGCCCTCAGGGGTCCCTGACCGATTCTCTGGCTCCAAGTCTGGCACCTCAGCCTCCCTGGCCATCAGTGGGCTCCGGTCCGAGGATGAGGCTGATTATTACTGTGCAGCATGGGATGACAGCCTGAGTGGTTGGGTGTTCGGCGGAGGAACCAAGCTGACGGTCCTAGGT~~] (SEQ ID NO: 6)

26. (Currently Amended) Antibody according to claim 22, wherein the antibody is characterized in that it comprises the variable heavy region (V_H)

[~~GAGGTGCAGCTGTTGGAGTCTGGGGGAGGCTTGGTACAGCCTGGGGGGTCCCTGAGACTCTCCTGTGCAGCCTCTGGATTCACCTTCAGTAACGCCTGGATGAGCTGGGTCCGCCAGGTTCCAGGGAAGGGGCTGGAGTGGGTCTCAACTCTTGGTGGTAGTGGTGGTGGTAGCACATACTACGCAGACTCCGTGAAGGGCCGGTTCACCATCTCCAGAGACAATTCCAAGAACACGCTGTATCTGCAAATGAACAGCCTGAGAGCCGAGGACACTGCCGTGTATTACTGTGCGAAGTTAGGGGGGCGATCCCGATATGGGCGGTGGCCCCGCCAATTTGACTACTGGGGCCAAGGTACACTGGTCACCGTGAGCAGC~~] (SEQ ID NO: 7)

and the variable light region (V_L)

[~~CAGTCTGTGCTGACTCAGCCACCCTCAGCGTCTGGGACCCCCGGGCAGAGGGTCACCATCTCCTGCTCTGGAAGCAGCTCCAACATTGGAAATAACTATGTATCCTGGTATCAGCAGCTCCCAGGAACGGCCCCCAAACTCCTCATCTATAGTAATAATCAGCGGCCCTCAGGGGTCCCTGACCGATTCTCTGGCTCCAAGTCTGGCACCTCAGCCTCCCTGGCCATCAGTGGGCTCCGGTCCGAGGATGAGGCTGATTATTACTGTGCAGCATGGGATGACAGCCTGAGTCATTGGCTGTTCGGCGGAGGAACCAAGCTGACGGTCCTAGGT~~] (SEQ ID NO: 8)

27. (Currently Amended) Antibody according to claim 22, wherein the antibody is characterized in that it comprises

the variable heavy region (V_H)

[~~GAGGTGCAGCTGTTGGAGTCTGGGGGAGGCTTGGTACAGCCTGGGGGGTCCCTGAGACTCTCCTGTGCAGCCTCTGGATTCACCTTCAGTGACTACTACATGAGCTGGATCCGCCAGGCTCCAGGGAAGGGGCTGGAGTGGGTCTCAAGTATCAGTGGCCGTGGGGGTAGTTCCTACTACGCAGACTCCGTGAGGGGCCGGTTCACCATCTCCAGAGACAATTCCAAGAACACGCTGTATCTGCAAATGA~~

~~ACAGCCTGAGAGCCGAGGACACTGCCGTGTATTACTGTGCGAGACTTTCCTACAGCTATGGTTACGAGGGGGCCTACTACTTTGACTACTGGGGCCAGGGTACACTGGTCACCGTGAGCAGC~~] (SEQ ID NO: 9)
and the variable light region (V_L)

[~~CAGTCTGTGCTGACTCAGCCACCCTCAGCGTCTGGGACCCCCGGGCAGAGGGTCACCATCTCCTGCTCTGGAAGCAGCTCCAACATTGGGAATAATTATGTATCCTGGTATCAGCAGCTCCCAGGAACGGCCCCCAAACTCCTCATCTATAGGAATAATCAGCGGCCCTCAGGGGTCCCTGACCGATTCTCTGGCTCCAAGTCTGGCACCTTAGCCTCCCTGGCCATCAGTGGGCTCCGGTCCGAGGATGAGGCTGATTATTACTGTGCAACCTGGGATGACAGCCTGAATGGTTGGGTGTTCGGCGGAGGAACCAAGCTGACGGTCCTAGGT~~] (SEQ ID NO: 10)

28. (Currently Amended) Antibody according to claim 22, wherein the antibody is characterized in that it comprises

the variable heavy region (V_H)

[~~GAGGTGCAGCTGTTGGAGTCTGGGGGAGGCTTGGTACAGCCTGGGGGGTCCCTGAGACTCTCCTGTGCAGCCTCTGGATTCACCTTTAGCAGCTATGCCATGAGCTGGGTCCGCCAGGCTCCAGGGAAGGGGCTGGAGTGGGTCTCATCCATTAGTAGTAGTGGTCGTTTCATTTACTACGCAGACTCAATGAAGGGCCGCTTCACCATCTCCAGAGACAATTCCAAGAACACGCTGTATCTGCAAATGAACAGCCTGAGAGCCGAGGACACTGCCGTGTATTACTGTACGAGGCTCCGGAGAGGGAGCTACTTCTGGGCTTTTGATATCTGGGGCCAAGGTACACTGGTCACCGTGAGCAGC~~] (SEQ ID NO: 11)
and the variable light region (V_L)

[~~CAGTCTGTGCTGACTCAGCCACCCTCAGCGTCTGGGACCCCCGGGCAGAGGGTCACCATCTCCTGTTCTGGAAGCAGCTCCAACATTGGCGGTGAGTCTGTATCCTGGTATCAGCAGCTCCCAGGAACGGCCCCCAAACTCCTCATCTATAGTAATAATCAGCGGCCCTCAGGGGTCCCTGACCGATTCTCTGGCTCCAAGTCTGGCACCTCAGCCTCCCTGGCCATCAGTGGGCTCCGGTCCGAGGATGAGGCTGATTATTACTGTGCAGCATGGGATGACAGCCTGAATGGTTGGGTGTTCGGCGGAGGAACCAAGCTGACGGTCCTAGGT~~] (SEQ ID NO: 12)

29-50. (Cancelled)

51. (Previously Presented) Pharmaceutical composition comprising an isolated human antibody directed towards at least one oxidized fragment of apolipoprotein B for therapeutical or prophylactical treatment of atherosclerosis by means of passive immunization, which antibody is present in combination with a pharmaceutical excipient.

52. (New) Antibody according to claim 22, wherein the antibody is characterized in that it comprises the variable heavy region (V_H)
SEQ. ID. NO. 27.

53. (New) Antibody according to claim 22, wherein the antibody is characterized in that it comprises the variable light region (V_L)
SEQ. ID. NO. 28.

54. (New) Antibody according to claims 52 or 53, wherein the antibody is characterized in that it has been raised from the apoB100 derived sequence SEQ. ID. NO. 70.

55. (New) Antibody according to claims 54, wherein the antibody is characterized in that it comprises the variable heavy region (V_H)
SEQ. ID. NO. 27
and the variable light region (V_L)
SEQ. ID. NO. 28.